Attorney Docket No.:   **54704.8036.US03 (UMD-0072)**
Inventors: **Langenfeld, John**
Serial No.:   **10/692,824**
Filing Date: **October 23, 2003**
Page 3

Amendments to the Specification:

Please replace paragraph [**0074**] beginning at page 24 with the following rewritten paragraph:

--[**0074**] The present invention encompasses known antagonists of BMP-2 activity, including noggin (35)(US Patent No. 6,075,007, Economides, et al.), chordin (36)(US Patent No. 5,896,056), gremlin (~~GenBank~~ GENBANK Accession No. AF 154054), cerebus 1 homolog (~~GenBank~~ GENBANK Accession No. NM-005454), and DAN.--

Please replace paragraph [**00164**] beginning at page 65 with the following rewritten paragraph:

--[**00164**] Tissue specimens in a modified RIPA buffer were briefly sonicated on ice. Protein concentration was measured using the Bradford assay. Protein samples were prepared under reducing conditions. Total cellular protein was analyzed by a 15% SDS-PAGE, transferred to nitrocellulose (~~Schleicher and Schuell~~ SCHLEICHER AND SCHUELL, Keene, N.H.) at 35 V for 16 hours at 4°C. The blots were then incubated overnight at 4°C with the appropriate primary antibody in Tris-buffered Saline with 1% ~~Tween~~ TWEEN (TBST) and 5% nonfat dried milk. Specific proteins were detected using the enhanced chemiluminescence system (~~Amersham~~ AMERSHAM, Arlington Heights, Ill.). Relative BMP-2 expression was analyzed using NIH Imaging. Pixel density of the mature BMP-2 protein and actin were determined on each of the developed immunoblots. A relative actin value was determined in each sample by dividing its pixel density by the pixel density from the sample with the highest expression of actin. The sample

with the highest actin level on the blot was given a value of 1 and the remaining samples as a fraction of that value. The relative BMP-2 expression was determined by dividing the BMP-2 pixel density by its relative actin value.--

Please replace cited reference 1 at page 86 with the following:

--1. American Cancer Society, What are the Key Statistics for Lung Cancer. 2003. ~~(which can be found at the webpage index at the cancer.org website on the world wide web)~~.--